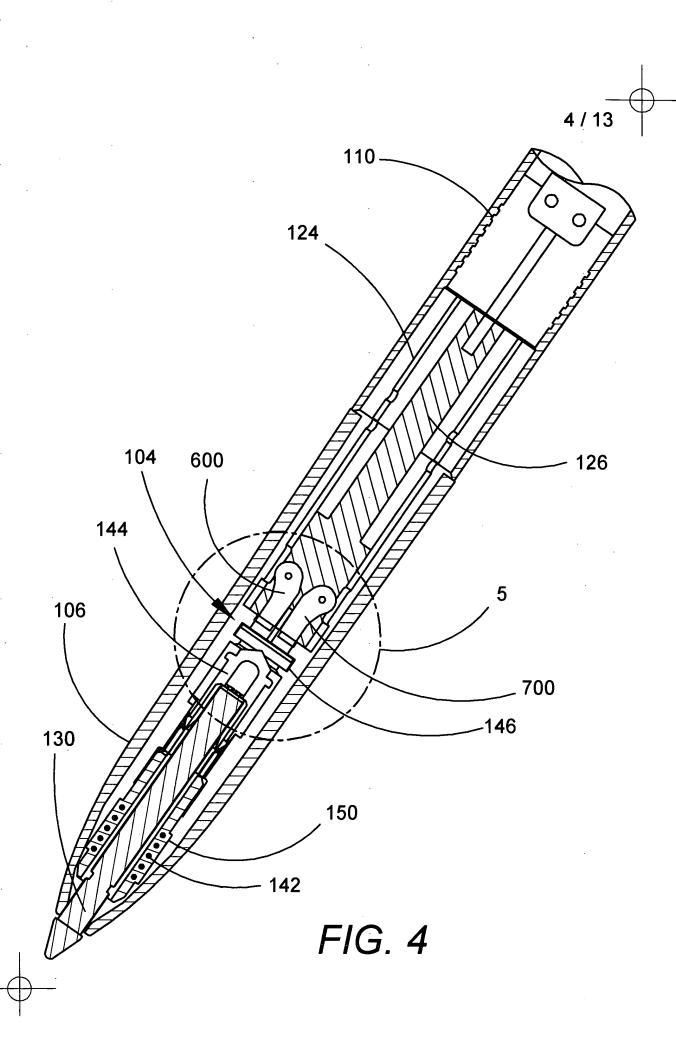


FIG. 3



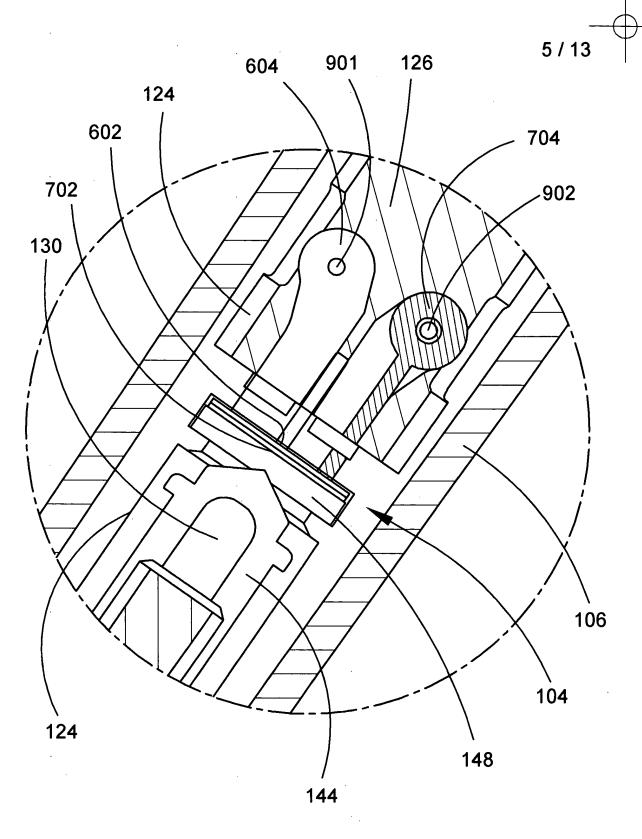
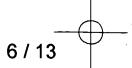


FIG. 5



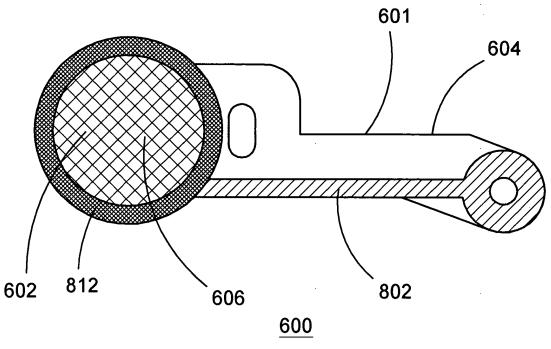


FIG. 6

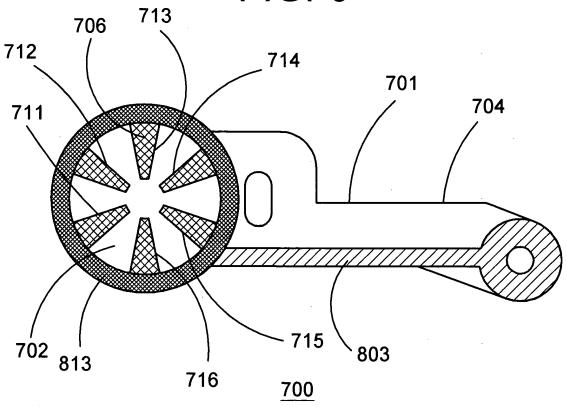
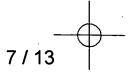


FIG. 7



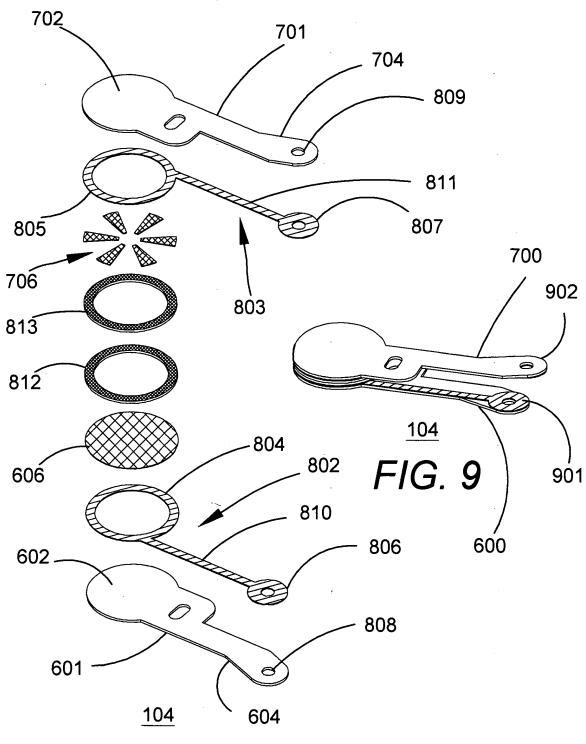
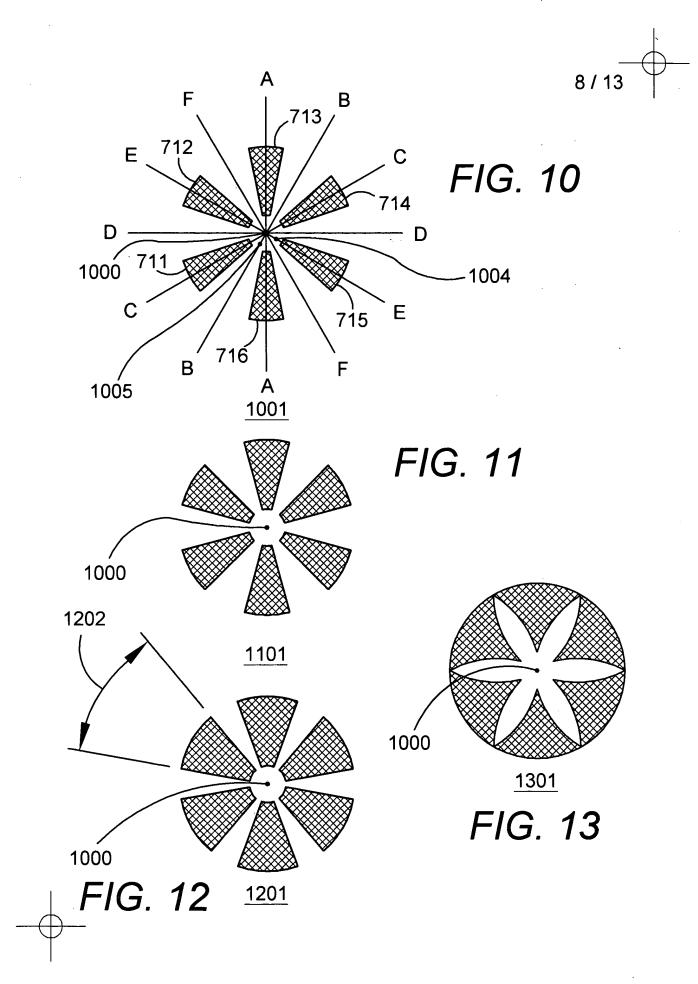
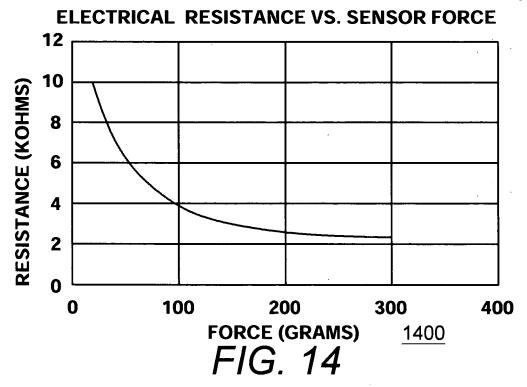


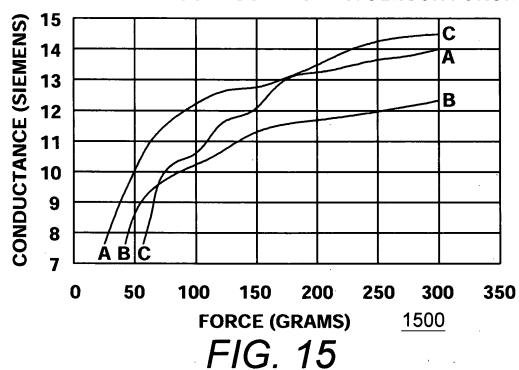
FIG. 8

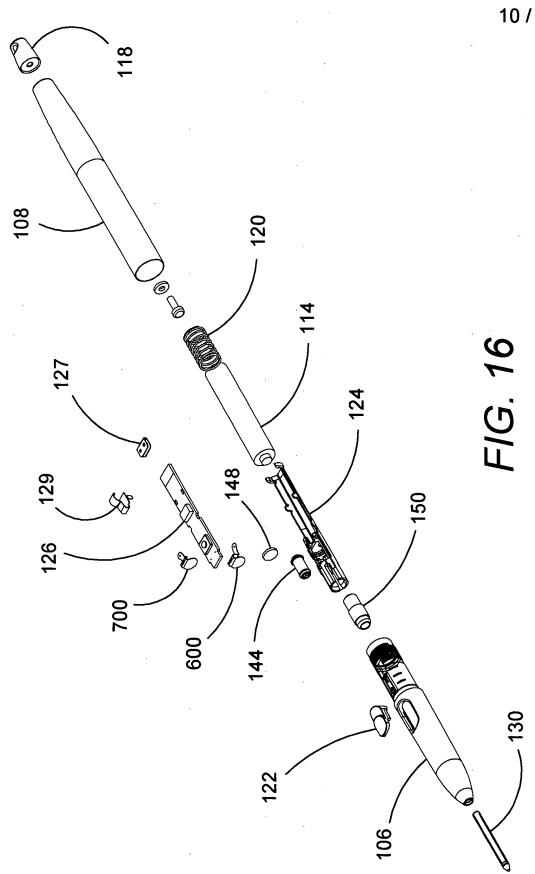


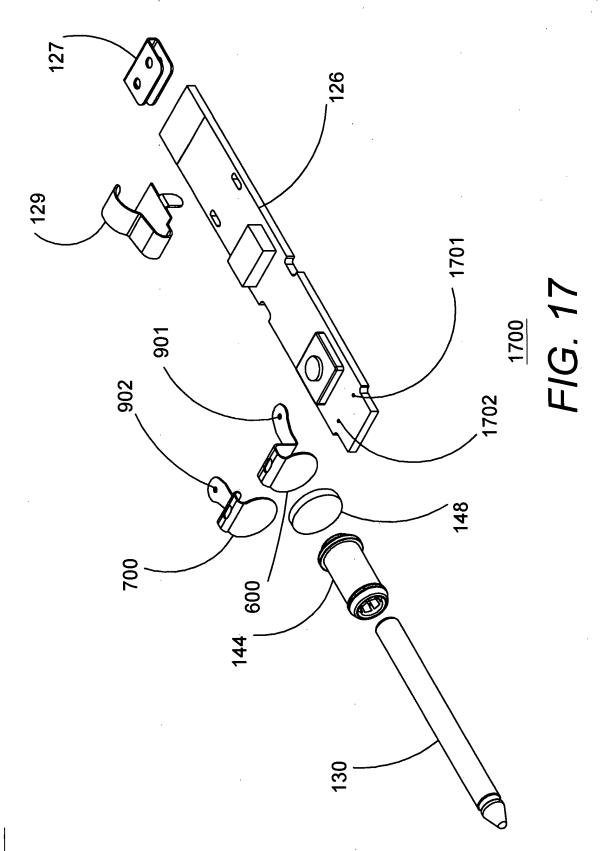
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ELECTRICAL CONDUCTANCE VS. SENSOR FORCE









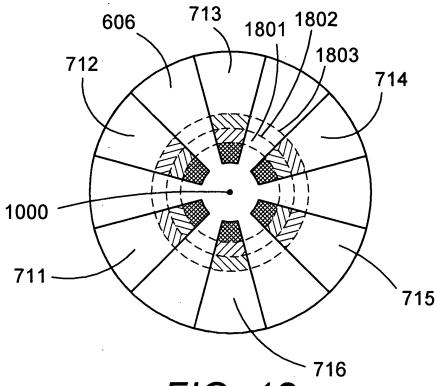
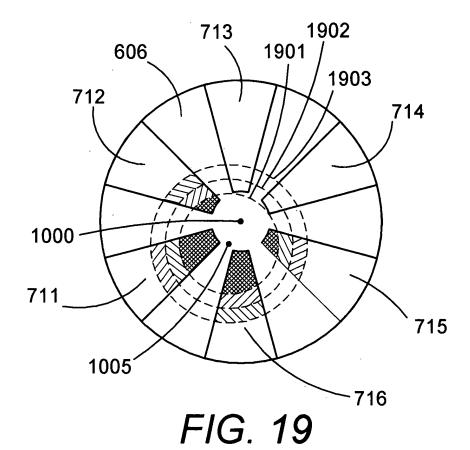


FIG. 18



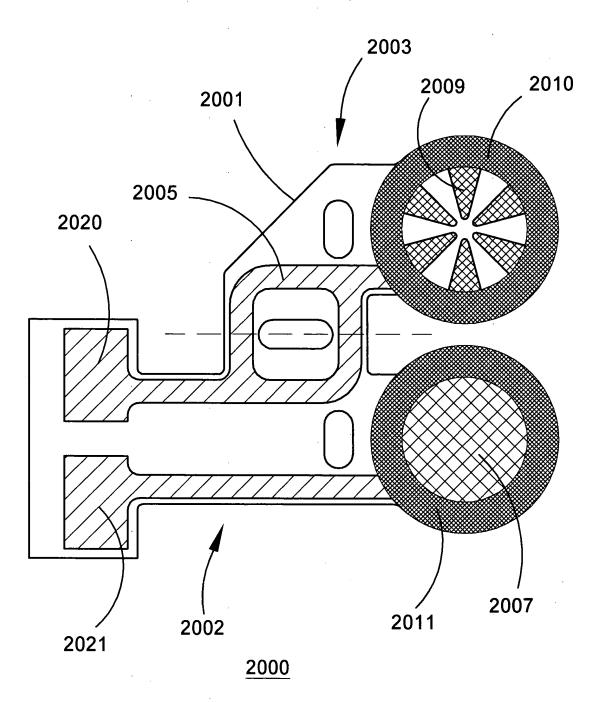


FIG. 20